CURRICULUM VITAE

I. BIOGRAPHICAL DATA

NAME: **REG STEWART SAUVE**

BUSINESS ADDRESS: Department of Community Health Sciences

Faculty of Medicine University of Calgary TRW Building, #3D14A Calgary, Alberta T2N 4Z6 Telephone: (403) 220-4294

DATE OF BIRTH: February 13, 1945

CITIZENSHIP: Canadian

PRESENT RANK: Professor

DEPARTMENT: Paediatrics and Community Health Sciences

FACULTY: Medicine

II. ACADEMIC RECORD

Final Degree: MD

Date Completed: May 1969

Institution University of Western Ontario City/Country London, Ontario, Canada

i. <u>Undergraduate</u>

Pre-medicine: The University of Western Ontario, London, 1963-1965

Medicine: University of Western Ontario, London, 1965-1969

ii. Special Professional

Rotating Internship

Foothills Hospital, Calgary, Alberta, 1969-70

Junior Resident, Medicine

Foothills Hospital, Calgary, Alberta, 1971-72

Resident in Paediatrics

Stanford University, Stanford, California, 1971-73

Fellow, Paediatrics Foothills Hospital, Calgary, Alberta, 1974-75

Summer Program in Epidemiology Tufts University, Medford, Mass., 1988

iii. Graduate and Post Doctoral

Fellow, Maternal and Child Health, The University of California at Berkeley, 1973-1974

Degree: MPH

iv. Licensure and Boards

Licentiate: Medical Council of Canada, June 1970

Certification: American Board of Paediatrics, February 1976

Fellowship in Paediatrics. Royal College of Physicians and Surgeons of Canada, April 1976

III. AWARDS AND DISTINCTIONS

Alberta Medical Association, MD Committee Service Award 1988

Alberta Medical Association, MD Committee Service Award 1989

Gold Star Letter for Excellence in Teaching, Class of 1990

Grant Gall lectureship award, Alberta Children's Hospital, April 2001

Award for Long-Standing Service to the Alberta Medical Association and the Medical Profession in Alberta, September 2002

Award for supervisory and teaching contributions to the graduate students in the Department of Community Health Sciences, 2001/2002. Received October 2002

Paper done with S Liu was selected as one of the ten top papers of 2003 by the Center for Excellence in Child Development

Smith Award for Distinguished Achievement, Faculty of Medicine, 2004

Paper done with B Schmidt was selected as one of the top 10 papers of 2004 by the Center for Excellence in Child Development

Selected as one of Alberta's 100 "Physicians of the Century" August 2005

Alberta Centennial medal for service to the people and the province of Alberta, January 2006

Calgary Health Region "People First Award" 2006

2007 Neonatology Visiting Professorship, Dalhousie University, October 10-12, 2007

Alberta Medical Association Member Emeritus status awarded 2009

CMA Honorary Membership Award, 2010

Canadian Paediatric Society Distinguished Neonatologist award, June 15, 2011

Canadian Paediatric Society Geoffrey C Robinson Award, June 18, 2011

IV. ACADEMIC APPOINTMENTS

1976-1980 Assistant Professor

Paediatrics and Community Health Sciences

	University of Calgary
1980-1990	Associate Professor Paediatrics and Community Health Sciences University of Calgary
1993-1997	Chair, Child Health Research Unit Alberta Children's Hospital, Calgary
1994-1997	Chair, Health Care Research Group University of Calgary
1975-2010	Neonatologist Foothills Hospital, Calgary
1977-2014	Director, Perinatal Follow-Up Program Alberta Children's Hospital, Calgary
1990-present	Professor Paediatrics and Community Health Sciences University of Calgary
1998-2005	Graduate Education Co-ordinator, Department of Community Health Sciences, University of Calgary
1999-2003	Interim Chair, Child Health Research Centre Alberta Children's Hospital
1999- 2001	Regional Director, Division of Neonatology Calgary Regional Health Authority
2001-2007	Academic Director, Division of Neonatology Calgary Health Region
07/02-04/03	Acting Head, Dept of Community Health Sciences
2014-present	Scientist, Alberta Children's Hospital Foundation for Child and Maternal Health

V. EDUCATIONAL ACTIVITIES

i. <u>Undergraduate</u>

Chairman: Continuity Course "The Infant", 1981 to 1988

Co-ordinator: Paediatric Clerkship Program, 1975-81

Lecturer: Continuity Course, Behavioural Unit, 1977-1980

Continuity Course, Newborn Unit, 1977-1980 Continuity Course, Infant Unit, 1981-1999 Continuity Course, Preschool Unit, 1980-1981 Endocrine-Metabolic System, 1979-1988

Cardiorespiratory System, 1978 Ed Psych/SW 574, 1982-1990 Nursing 441, 1978-1979 Nursing 510, 1985-1992

Human Development Course, 2000-2010

Electives: Med 402, 1979-82, 1985-1988

Faculty Advisor: Deepa Francis

Rupesh Chawla

Developmental Interest Group (DIG) Matt Hicks (MD/PhD Program)

Christy Lynn Cooke

Research Electives:

Supervised: Jessica Abraham

Ronik Kanani

Co-supervised: Sarah Waddock

Darlene Wong

ii. Graduate

Graduate Students Supervised:

Goodman, J: M.Sc., Community Health Sciences. 1980-1983

Thesis: "High Risk Infant: Concerns of the Mother after Discharge"

Hodges, M: M.Sc., Community Health Sciences. 1983-86

Thesis: "The Impact of Jaundice Requiring Treatment on the Establishment of Breast-feeding in Infants"

Waisman, MS: M.Sc., Community Health Sciences, 1985-1988

Thesis: "A Description of the Self-Reported Nutrition Counselling Practices of Calgary Family Physicians and the Factors which Influence Them"

Brown, K: M.Sc., Community Health Sciences. 1986-1989

Thesis: "Evaluation of an Education Program for Parents of Infants Discharged Home in Oxygen"

Fraser, W: M.Sc., Community Health Sciences. 1987-1989

Thesis: "A Randomized Trial to Evaluate the Effects of Early Amniotomy on Labour Duration, the Risk of Dystocia and the Intensity of Maternal Pain in Labour"

Morrison, D: M.Sc., Community Health Sciences. 1990-1991

Thesis: "Rehospitalization and use of medical services by very low birth weight infants: Factors in the first year that modify risk"

Turner, D: M.Sc., Community Health Sciences. 1990-1991

Thesis: "Personal and institutional factors affecting the prevalence and duration of breastfeeding"

Bischoff, C: M.Sc., Community Health Sciences. 1990-1992

Thesis: "The detection of hearing loss in high risk infants"

Bischoff, C: Ph.D., Candidate. Community Health Sciences, 1993-1996

Thesis: AA Population-Based Case Control Study of Environmental Tobacco Smoke and Middle Ear Disease in Pre-Schoolers

Howson, B: M.Sc., Community Health Sciences, 1991-1992

Thesis: "Repeat pregnancy in adolescent women"

Ding, YM: M.Sc., Community Health Sciences, 1991-1993

Thesis: "Development and outcome of Severe Retinopathy of prematurity in very low birth weight infants"

Wang, Z: Ph.D. Community Health Sciences, 1994-1997

Thesis: Analysis of Patterns and Determinants of Postneonatal Growth in VLBW Infants Using Modelling Procedures

Wang, DM: Ph.D. Community Health Sciences, 1994-1998

Thesis: Secular Trends of SIDS Mortality and Associated Risk Factors Between 1977 and 1995 in Alberta

Wood, S: M.Sc. Community Health Sciences. 1995-1998

Thesis: Prediabetes and Infant Mortality

Wang, JL: Ph.D. Candidate. Community Health Sciences, 1998-2001

Thesis: "Alcohol Consumption and Major Depression in the Canadian General Population"

Barker, C: M.Sc. Community Health Sciences, 2000-2002

Thesis: Gastrointestinal and Hepatic Complications of Hematopoietic Cell Transplantation

Lim, A: M.Sc. Community Health Sciences, 2000-2005

Thesis: Prevalence and Determinants of Myocardial Dysfunction associated with Severe Traumatic Brain Injury in Pediatrics

Yee, Wendy, M.Sc. Community Health Sciences, 2001-Sept 2004

Thesis: Does the Antenatal Consultation Meet the Perceived Information Needs of the Patient in Preterm or Threatened Preterm Labour?

Naseem, Mohammed, MSc. Community Health Sciences, September 2002 – June 2004 Thesis: Apneic Episodes of Equal to or Greater than 20 Seconds in Pre-term Neonates Exposed to Maternal Cigarette Smoking During Pregnancy

Ho, Josephine, MSc. Community Health Sciences, September 2004 – October 2006 Thesis: Assessment of prevalence and associated risk factors for secondary diabetes in Canadian children

Hicks, M: Ph.D. Community Health Sciences, 2000- June 2007

Thesis: Meconium alcohol and drug screening

McNeil, D: Ph.D. Community Health Sciences. 2000-June 2008

Thesis: The Incidence and Correlates of Feeding Problems in Premature infants Post Neonatal Intensive Care

Brar, Sony. MSc Community Health Sciences, 2007-September 2008

Thesis: Estimation of Cumulative Incidence in the Presence of Competing Risks: Application to Clinical Oncology

Zhang S. PhD candidate, Community Health Sciences 2007-2011 (Withdrew)

Thesis: The Effects of Socioeconomic Status and Neighbourhood factors on perinatal outcomes.

Soraisham A. MSc. Community Health Sciences 2007-December 2009

Thesis: Chorioamnionitis and long term outcome of preterm infants

Al-Hindi, M. MSc. Community Health Sciences 2007-2010

Thesis: Severe Retinopathy of Prematurity in preterm infants

Alshaikh, Belal. MSc. Community Health Sciences 2010-2013.

Thesis: Neonatal and Neurodevelopmental outcome at 36 months in preterm infants who had CONS sepsis in the neonatal period.

Alwassia Haydi. MSc. Co-supervisor, Community Health Sciences 2010-present Thesis: *Prevalence and risk factors of hypophosphatemia among very low birth weight infants*.

Salmon Charleen MSc Co-supervisor, Community Health Sciences 2016 – present. Thesis: *Maternal obesity and pregnancy outcomes*

Graduate Student Supervisory Committees:

Pain, K: M.Sc., Educational Psychology. 1981-1984

Thesis: "High Risk Infants: A Follow-up Study"

Parker-Loewen, D: Ph.D., Educational Psychology, 1983-1986

Thesis: "Effects of Short-Term Interaction Coaching with Mothers of Preterm Infants"

Sibbald, B: M.Sc. Community Health Sciences, 1993-1996

Thesis: Perceptions of Health Status and Health Behaviours of Adults with Congenital Heart Disease

Visser, N: Ph.D. Candidate. 1989-Sept '90. (Withdrew)

Thesis: "Occupational Factors and Preterm Delivery"

Craig, C: M.Sc. Community Health Sciences. 1995-1998

Thesis: Relationship Between Bronchopulmonary Dysplasia in Children of Low Birth Weight and Parent Reported Asthma-Like Symptoms at 7 to 9 Years of Age

Durant, C.: M.Sc. Community Health Sciences, 1996-1998

Thesis: Practices of Chiropractors in Paediatric Care

Xiao, LF: Ph.D. Community Health Sciences, 1995-1998

Thesis: Congenital Heart Defects among Offspring of Firemen

Kuhn, S: M.Sc. Community Health Sciences, 1994-1997

Thesis: Pharyngeal Colonization with Respiratory Viruses and the Likelihood of Group A Streptococcus (GAS) Persistence After GAS Pharyngitis

Zamora, S: M.Sc. Community Health Sciences, 1995-1997

Thesis: Crohns Disease: Investigation of Intestinal Permeability Across Families of Affected Children

Kmet, Leanne M: MSc. Candidate Community Health Sciences, 1997-1999

Thesis: "A Small Area Study of Motor Vehicle Crash Fatalities in Alberta"

Izadnegahdar, Mona: MSc. Candidate Community Health Sciences, 1998-2001

Thesis: "Antibiotic Use for Prolongation of Pregnancy in Women with Preterm Labour or Premature Rupture of Membrane"

Raj, S: M.Sc. Community Health Sciences, 1999-2002

Thesis: Economic Evaluation of 5 Strategies for the Prevention of Neonatal Group B Streptococcus Disease in Alberta

Humbke, K: (nee; Gibson, K): Ph.D. Psychology, 1999-2002

Thesis: Social competence in VLBW Infants

Chen, Sophie: MSc candidate Community Health Sciences, 2002-2005 Thesis: Maternal Risk Factors for Cesarean Delivery in Alberta

Fenton, Tanis: PhD. Community Health Sciences, September 2003 – July 2005

Thesis: A prospective population-based cohort study of the association of urine measures of acid-base metabolism with bone loss and fractures in adults.

Graystone, Amber: MSc. Community Health Sciences, August 2005 – September 2006 Thesis: Tetranucleotide repeat polymorphism in Aromatase and Endometrial Cancer Risk in Postmenopausal women.

Huang, Ling: MSc: University of Ottawa, September 2004 – September 2006. *Thesis: Impact of advanced maternal age on the risk of stillbirth.*

Kostaras, Xanthoula: MSc. Community Health Sciences, Sept 2002 – Aug 2008.

Thesis: Parenting Stress, Well-Being, and Resiliency among Mothers of Multiple Births in Urban Alberta

Kingston, Dawn: PhD. McMaster University, 2006-2009.

Joint STIRRHS-PHAC fellow in Perinatal Health Care.

Specogna, Adrian: PhD. Community Health Sciences, 2007-2012.

Thesis: Defining Neurologic Changes in Acute Intracerebral Hemorrhage (ICH)

Soon, Ing: MSc: Community Health Sciences. 2010 – 2012

Thesis: The colectomy outcome in childhood-onset ulcerative colitis: A population-based study

Zadunayski, A: MSc, Dept of Medical Bioethics, 2007-2012.

Thesis: Legal and ethical implications of newborn screening for prenatal exposure to drugs and alcohol.

Mawji, Aliyah: PhD, Community Health Sciences. 2009-2011

Thesis: The incidence of Plagiocephaly, referral mechanisms and patterns of health service utilization in Calgary.

 $Kim,\,J;\,MSc\,\,candidate,\,Community\,\,Health\,\,Sciences,\,2010-present.$

Thesis: Comprehensive strategy to decolonize methicillin resistant staphylococcus aureus in the outpatient setting: a Randomized Controlled Study.

Boffa, Jody: PhD candidate, Community Health Sciences 2012-present Thesis: Evaluating the effectiveness of 6-month Isoniazid preventive therapy amongst people living with HIV in KwaZulu-Natal, South Africa.

Lee, Yoonshin: MSc candidate, Community Health Sciences. 2013-present Thesis; The role of feeding practices in the relationship between Postpartum depression and child growth

Eveline Konje. PhD candidate, Co-supervisor, Community Health Sciences 2013present. Thesis: *Relationship between place of delivery and maternal and infant health outcomes in NW Tanzania*

External Examiner

Gauthier-Morrow, A: M.Ed. (Educational Psychology) 1981

Hayes, P: Ph.D. Candidacy examination (Community Health Sciences) 1984

McNeil, D: M.N. (Nursing) 1985 Gruendig, L: M.N. (Nursing) 1988 Hayes, N: M.N. (Nursing) 1990 Dewey, D: Ph.D. (Psychology) 1990

Dagleish, S: M.N. (Nursing) 1991

Ward, K: Ph.D. (Educational Psychology) 1994

DeWitt, P: M.N. (Nursing) 1994 McDonald, T: M.N. (Nursing) 1995 Sherren, T: M.N. (Nursing) 1995 Van Patten, A: M.N. (Nursing) 1995

Hardwick, K: Ph.D. (Sociology) 1999

Nelson A: MN (Nursing) 2000

Weiland, S.K: M.D., MSc. McGill University, 1989

Verma, A.: Ph.D., University of Alberta, 1997

Stenstrom, R. Ph.D., McGill University, 1999

Premji, S.: Ph.D., McMaster University, 2000

Horta, B.L.: Ph.D., McGill University, 2001

Allen, V: MSc, University of Toronto, 2001

Pendlebury, J: MSc, University of Calgary, 2004

Whitehead, E: MSc, Dalhousie University, 2004

Jennifer Lowden: MSc, University of Calgary, 2006

Roy, Amitra: PhD, University of Calgary 2010. Niven, Dan: PhD, University of Calgary 2015.

Course Chairman and Lecturer:

MDSC 755.36 (formerly 647.03, 649.04): Current Concepts in Epidemiology: Maternal and Child Health, renamed Perinatal Epidemiology, 1984-2004, 2007.

MDSC 647.03: Current Concepts of Epidemiology: Epidemiology and Prevention of Developmental Disabilities, 1991, 1993, 1995, 1998.

MDSC 647.01 Health Research Methods I: Fundamentals of Epidemiology, Chair 2000, Lecturer 2002-2004.

MDSC 709 Advanced Epidemiology, (Co-chair) 2000 - 2004

MDSC 659.02 Health Research Methods II (Chair) 2003

MDSC 755.84 Systematic Reviews and Meta-analysis 2005- present (Co-chair with W Ghali)

MDSC 647.15 Clinical Epidemiology 2007- 2013 (Co-chair with W Ghali, B Hemmelgarn, D Rabi)

Lecturer:

EDPS 544: Learning Problems, 1984-85

MDSC 751.08 (formerly 819): Current Concepts in Neonatology, 1984, 1986, 1988, 1989

MDSC 659.02 Health Research Methods II; Lecturer 2002

MDSC 645.16 Global Health and Development, 2001 – present

Epidemiology and Demography. (10 lectures) Bugando College of Health Sciences, Mwanza, Tanzania, 2010-present.

MDCH 647. Clinical Epidemiology (2 lectures). 2014, 2015, 2016

iii. Post-Graduate

Resident Teaching:

Clinical supervision of Residents (Pediatrics, Family Practice, Anaesthesia, Obstetrics) and Fellows (Neonatology), Neonatal Intensive Care Unit, Foothills Hospital and Special Care Nursing, Rockyview Hospital., 1977-2009.

Clinical supervision of Residents (Pediatrics and Family Practice) and Fellows (Neonatology, Obstetrics, Developmental Pediatrics), Perinatal Follow-up Program, Alberta Children's Hospital 1977-2014.

Critical Appraisal course for Neonatology fellows 2003-2014

Lecturer, Pediatric Resident Core Lecture Series

Community Medicine Resident Practice Examinations

Resident Research Course (I lecture), 2009-2016

Post-doctoral Student Supervision:

Zhang Xue Ming, PhD. 1989-1990 Dayer-Zamora, Veronique, Research Mentor, 1996-1997 Wade, Terry, PhD. 1998-1999 Brown, David, PhD. 1998-2001 Kumar, Praveen, Research Mentor, 2001-2002 Premji, Shahirose, PhD. 2001-2002

iv. Continuing Medical Education

Presentations:

- 1. **Sauve, R.** High risk infants. Pediatric Refresher Course, February 1977.
- 2. **Sauve, R.** Parenteral Nutrition. Pediatric Refresher Course, March 1978.
- 3. **Sauve, R.** Infant Feeding Workshop. Pediatric Symposium: Back to the Basics. The University of Calgary, 1980.
- 4. **Sauve, R**. Infant Feeding. Presentation to Medical Staff. Fort McLeod Hospital, March 1980.

- 5. **Sauve, R**. Neonatal Follow-up. Intrapartum Refresher Course for Family Physicians. Foothills Hospital, October 1980.
- 6. **Sauve, R**. Drug Excretion in Breast Milk. Intrapartum Refresher Course for Family Physicians. Foothills Hospital, October 1980.
- 7. **Sauve, R**. Follow-up of High Risk Infants. Continuing Education Program on High Risk Infants. Foothills Hospital, November 1981.
- 8. **Sauve, R**. Introduction to Infant Feeding: The Rationale for Health Professionals. Continuing Education Session. The University of Calgary, February 1981.
- 9. **Sauve, R**. Breastfeeding Up-date. Perinatology Teleconference, April 1982.
- 10. **Sauve, R**. New Approaches to Aggressive Intervention in Neonates. Family Practice review and update, November 1983.
- 11. **Sauve, R**. Perinatal Asphyxia. Regional Perinatal Program Teleconference. Taber, Alberta, September 1984.
- 12. **Sauve, R**. Perinatal Morbidity Project Seminar. Department of Community Health Sciences, 1987.
- 13. **Sauve, R**. Office management of the high risk infant. Presentation at CME Conference on Pediatric, Obstetric and Newborn Care, Calgary, January 22, 1988.
- 14. **Sauve, R**. Neonatal problems: When will the NICU grad catch up? Presentation at Family Practice Review and Update course, Calgary, November 1988.
- 15. McMillan DD, **Sauve R**. The age of viability in the 1990's. Regional Perinatal Education Teleconference, March 13, 1990.
- 16. **Sauve, R**. Umbilical vessel catheterization. Pediatrics, Obstetrics and Newborn Care Conference, University of Calgary, March 15, 1990.
- 17. **Sauve, R**. The outcome of very low birthweight infants in Alberta. Continuing Care Conference, The University of Calgary, November 9, 1990.
- 18. **Sauve, R**. Infant Nutrition during the first six months. Pediatric Update. General Pediatrics in the 1990's. Calgary General Hospital. October 3, 1991.
- 19. **Sauve, R**. Growth and developmental review of the preterm, term and developmentally-handicapped child. Mount View Health Unit Home Care Staff, November 1991.
- 20. Sauve, R, Foteau, D. Drugs and lactation. Calgary Therapeutics Course, April 1992.
- 21. Sauve, R. Discharge of low risk infants. Obstetrics and Neonatal Update, March 1992.

- 22. **Sauve, R.** Perinatal Clinical Trials. Neonatology Rounds, March 1992.
- 23. **Sauve, R**. Multicenter perinatal clinical trials. Health Care Research Seminars, The University of Calgary, January 1992.
- 24. **Sauve, R**. Long-term sequelae of NICU graduates. Kids with chronic diseases. Pediatric Update. Calgary General Hospital, November 1992.
- 25. **Sauve, R**. Physician's role in health information utilization and resource management. Hospital Medical Records Institute Regional seminar program, November 1992.
- 26. **Sauve, R**. The lowest birthweight infants: who beats the odds. Health Care Research Seminar. The University of Calgary, January 22, 1993.
- 27. Foulston C, **Sauve R.** Infant feeding for the first year. Southern Alberta Perinatal Education Teleconference, May 4, 1993.
- 28. Innis S, **Sauve R.** Infant Nutrition: Medical Management Conference on Breastfeeding: The gold standard for infant nutrition. The University of British Columbia and the BC Reproduction Care Program, December 1994.
- 29. Reed J, **Sauve R.** Breastfeeding and the preterm baby. Conference on Breastfeeding: Contemporary issues for physicians. The University of Calgary, September 1994.
- 30. Geggie, J, Sauve R. Feeding the child with complex needs. Conference on: Difficulties in feeding children: Challenges in practice. The University of Calgary and Alberta Children's Hospital, March 1994.
- 31. **Sauve R**. Critical appraisal skills for neonatologists. Neonatology seminars, January 1998.
- 32. **Sauve R**. Critical appraisal in child health. CHRU seminar; January 1998.
- 33. **Sauve R**. Preterm infants; long-term outcome. Therapeutics course for family physicians, February 1998.
- 34. **Sauve R**. Trends in outcomes of preterm infants. Presentation at Parents' Night. ACH, February 1998.
- 35. Dewey D, **Sauve R**. The 5-Year Outcomes of Infants Who Weighed Less Than 1000 g at Birth: A Study in Progress. Child Health Research Unit Seminar, June 1999.
- 36. **Sauve R,** Johnson D. Current Research Activities. Child Health Research Unit Seminar, February 2001.
- 37. **Sauve R**. Health Canada: Overview of the Perinatal Surveillance System. Community Health Sciences Seminar, February 2001.

- 38. **Sauve R**. Health Canada: Overview of the Perinatal Surveillance System. Child Health Research Unit Grand Rounds, May 2001.
- 39. Harder J, **Sauve R**. Long term outcomes of children with severe congenital heart disease. Paediatric Grand Rounds, September 10, 2003.
- 40. **Sauve R**. Clinical challenges in infant feeding and nutrition. Advances in Pediatric Medicine. University of Alberta, Edmonton, October 25, 2003.
- 41. **Sauve R.** National and Regional Neonatal Outcome Data: How are we doing? Neonatology Update, University of Calgary, Calgary Alberta, May 1, 2004.
- 42. **Sauve R.** Newborn Hearing Screening: Closing the Loop. Invited Grand Rounds, Sparrow Hospital, East Lansing Michigan, May 13, 2004.
- 43. **Sauve R.** Formulating Research Questions and CATS. NICU seminar. Sparrow Hospital, East Lansing Michigan, May 13, 2004.
- 44. **Sauve R.** The impact of long term follow-up results on neonatal/perinatal care. Presentation at 3rd Annual Research Day, Translational Research: Bench to Bedside. Department of Pediatrics and Human Development. Michigan State University. College of Human Medicine. East Lansing Mi. May 14, 2004.
- 45. **Sauve R**. Nutrition in the first year of life. Satellite Symposium, Canadian Paediatric Society Annual Meeting, Montreal PQ, June 19, 2004.
- 46. **Sauve R**. Regression analysis and clinical significance. Neonatal Grand Rounds, Calgary, January 2008.
- 47. Wood S, Ross S, **Sauve R**, Chen S. Cesarean section and the risk of subsequent unexplained stillbirth. SOGC Meeting 2007.
- 48. **Sauve R**. Systematic Reviews in Clinical Practice. University of Calgary. Therapeutics Course. 2010.
- 49. **Sauve R**, Akierman A. Current practices in preterm infant feeding before and after hospital discharge. Community Paediatrics Update. 2010.
- 50. **Sauve R.** Infant Feeding: Current Progress. Satellite Symposium. Canadian Paediatric Society, June 2010, Vancouver BC.
- 51. **Sauve R.** Maternal and Infant mortality: Current Issues. Community Health Sciences Seminar Series. November 2010.
- 52. **Sauve R.** The complex therapies registry. CME program in Neonatology, Hospital for Sick Children, Toronto. March 6, 2013.

- 53. **Sauve R.** Perinatal Surveillance in Canada. Presentation to Fellows in Neonatology, Hospital for Sick Children, Toronto. March 7, 2013.
- 54. **Sauve R** Clinical Epidemiology, Neonatology Grand Rounds. 2013.

v. Organizations:

Planning Group, Conference on Paediatric, Obstetric and Newborn Care, 1988

Planning Group, Conference on LBW Infant Outcomes, 1990

Planning Group, Heinz Paediatric Seminar, 1989

Planning Group, Focus in Health Research, 1996

Planning Committee, Ross Conference on the NICU Environment, Val David, Quebec, 1994

Chair, Neonatal Follow-Up Day, Child Health Research Symposium, 1996

Planning Committee, Annual Child Health Research Symposium, 1993-present

Planning Committee, Student Conference, Canadian Society of Epidemiology and Biostatistics, 1998; CSEB Conference planning 2007.

Abstract Selection Committee, Irish-American Paediatric Society, 1993

Abstract Selection Committee, Canadian Society of Epidemiology and Biostatistics Annual Meeting, 1999

Abstract Selection Committee, Canadian Society of Paediatrics, Nutrition Section 1984-90, Neonatal/Perinatal Section 1998-2000

Planning Committee, CPS Seminar on Alternate Health Care Providers in Neonatology, 1999

Planning Committee, CPS Seminar on Fetal Alcohol Syndrome, 2000

Planning Committee, CPS Seminar on Bioethics, 2001

Planning Committee, Canadian Cochrane conference, Edmonton, November 2001

Planning Committee, Consensus Conference on low birth weight, Calgary, 2007

Child and Youth Health Institute Advisory Board, CIHR, 2009-present

Abstract Selection Committee, Society for Perinatal Epidemiologic Research Annual Meeting, 2011

VI. ADMINISTRATIVE RESPONSIBILITIES

i. Departmental

Pediatrics:

Member, Department of Pediatrics, 1976-present

Member, Division of Neonatology, 1976-present

Member, Division of Developmental-Behavioral Pediatrics, 1987-1994

Acting Director Neonatology, Sept. 1987-Feb 1988

Regional Director, Division of Neonatology, 1998-2001

Academic Director, Division of Neonatology, 2001-2007.

Director Perinatal Follow-up Program, 1977-2014

Paediatric Executive Committee, 1998-2001

Child Health Advisory Committee, 1998-2001 Chair, Child Health Research Unit, 1993-1997 Member of Steering Committee, Child Health Research Group, 1998-2006 Interim Chair, Child Health Research Centre, 1998-2003

Community Health Sciences:

Member, Department of Community Health Sciences, 1976-present Acting Head, Department of Community Health Sciences, 2002-2003 Research Committee, 1979-81, 85-87, 89-94 Member, Graduate Education Committee, 1993-95, 1998-2005 Coordinator, Graduate Education, 1998-2005 Member, Executive Committee, 1998-2003 Chair, Supervisory and Teaching Faculty Committee, 1998–2005 Council of Professors, Community Health Sciences, 2004-2011 Interim Graduate Program Director, 2015

ii. Faculty

Dean's Subcommittee on Objectives, April-July 1978
Search Committee, Chair, Department of Community Health Sciences, 1978
Nominating Committee, 1980-1981
Medical School applicant interviews, 1981-1983
Ad hoc group to review curriculum nutrition content, 1986
Student Appeals Committee, 1987-1988
Search Committee, Chair, Department of Paediatrics, 1992
Search Committee, Chair in Paediatric Research, 1991, 1999, 2001
Search Committee, Chair in Paediatric Gastroenterology, 1999
Headship Review Committee, Community Health Sciences, 1999
Faculty of Medicine Graduate Education Committee, 1998-present
Headship Selection Committee, Community Health Sciences, 2002
Headship Review Committee, Pediatrics, 2003

iii. University

Member, Council of Faculty of Graduate Studies, 2000-2007 Chair, Ad hoc. Faculty Appeals Committee: April 2003 MMI Medical School Applicant examinations February 2014 - present SAM (Student Advisor for Maltreatment) February 2016 - present

iv. <u>Hospital – Alberta Health Services</u>

Foothills Hospital Site:

Member, Medical Staff, 1976-present Pharmacy and Therapeutics Committee, 1976-1982 Nutrition Support Service, Member, 1976-77, 1994-1996, 1999-2001 Nutrition Support Service, Chairman, 1977-81, 1997 Nursery Management Committee, 1977-1997

Ad Hoc Planning Group, Obs/Neo Renovations, 1987-1988

Perinatal Mortality Committee, 1989-1990

Member, Perinatal Parents' Groups 1991-1993, 1998-present

PCOP Steering Group on early postpartum discharge, 1993-1996

Infection Control Committee, 2000-2001

Consultant to Breastfeeding Clinic, 1993-2002

Regional Director, Division of Neonatology, 1998-2001

Alberta Children's Hospital Site:

Member, Medical Staff, 1977-present

DAT Clinic Director's Group, 1984-1995

DAT Policy and Priorities Committee, 1991-1997

Health Records Committee, 1992-1997

Medical Advisory Committee, 1992-1997

ACH Research Committee, 1988-1992, 1994-1997

Travel Grants Subgroup, Research Committee, 1994-1997

Advisory Committee, Alberta Congenital Anomaly Surveillance System, 1997-present

Alberta Children's Hospital Research Institute. Grant Review Committee, 2013

Rockyview General Hospital Site:

Medical Planning Committee, 1987-1988

Calgary Health Services, Day Care Nutrition Advisory Group, 1991

v. Other

Chairman, Biannual Nutrition Committee Meetings, Canadian Paediatric Society, 1983-1990

Platform Session Chairman, Canadian Paediatric Society Annual Meeting, 1987-1990 Planning Group, Heinz Pediatric Seminars, 1989

AMA Liaison Member, Hospital Medical Records Institute, Alberta Users Group, 1989-1995

Day Care Nutrition Advisory Group, Calgary Health Services, 1991

Board of Directors, Vocational Research and Rehabilitation Institute, 1991-1996

Chairman, Annual Meeting of Follow-Up Interest Group, Neonatal-Perinatal Section, Canadian Pediatric Society, 1991, 1992, 1993

Abstract Selection Committee, Irish-American Pediatric Society, 1993

Planning Committee, Focus in Health Research, 1996

Chair, Session at CPS Annual Meeting, 2003

VII. PROFESSIONAL ACTIVITIES

i. Membership in Professional and Learned Societies

Pediatrics:

Alberta Pediatric Society

American Academy of Pediatrics

Canadian Paediatric Society

District VIII, Perinatal Section, American Academy of Pediatrics

Reproductive Care Committee, Alberta Medical Association 1982-1990, 1998-present

Community Health:

Alberta Public Health Association

American Public Health Association

Canadian Public Health Association

Canadian Association of Teachers of Preventive Medicine

Society of Medical Officers of Health

Canadian Society of Epidemiology and Biostatistics

Society of Pediatric and Perinatal Epidemiologic Research, 2006-present

General Medical/Faculty:

Alberta Medical Association

Canadian Medical Association

Canadian Medical Protective Association

University of Calgary Faculty Association

ii. Professional Service

Grant Panels:

Grant Review Committee #43 – NHRDP, 1988

Grant Review Committee #60 - NHRDP, 1989-1992

Grant Review Committee #403 – NHRDP, 1993-1995

Psychosocial and Behavioral Committee-MRC, 1998, 1999

Population Health, CIHR, 2000

Clinical Trials A, CIHR, 2002-2006

Clinical Research, CIHR, 2009 – present

CIHR Foundation Grant Reviews 2015-present

External Grant Reviews:

NHRDP - 1987-1993

Ministry of Health, Ontario, 1988-present

Alberta Children's Hospital Foundation, 1988-present

Alberta Foundation for Nursing Research, 1984

Canadian Institutes of Health Research, 1989-present

Joint Ethics Committee,. Foothills Hospital and University of Calgary, 1988-present

Physicians Services, Inc. Foundation, Ontario, 1990-present

Sick Children's Hospital Foundation, 1990-present

Manitoba Health Services, 1990-present

Easter Seal Research Institute, 1990

Social Sciences and Humanities Research Council of Canada, 1991

Alberta Lung Association, 1998

Children's Hospital of Eastern Ontario Research Institute, 2002 Canadian Population Health Initiative Research Program, 2001 CLS Health Services Research Funding Competition, 2002 Physician's Services Incorporated Foundation, 2002, 2010 Canadian Foundation for Innovation, 2008, 2010. NIH, 2010.

Journal Reviews:

Journal of Nutrition Research

National Institute of Nutrition Reviews

Infant Nutrition Institute (In Touch)

Pediatrics and Child Health (Member of Editorial Board, 2002-2006)

Canadian Dietetic Association Journal

Canadian Journal of Behavioural Sciences

Pediatrics

Pediatric Research

Canadian Medical Association Journal

Child

Journal of Pediatrics

Journal of Perinatology

BMC Pregnancy and Childbirth

Human Development

Journal of Psychosomatic Obstetrics and Gynecology

External Referee for promotion

Dr Geoffry Dougherty McGill University Montreal Quebec

Dr Linda Dodds

Dalhousie University, Halifax Nova Scotia

Dr Karen Campbell

University of Western Ontario, London Ontario

Dr Doris Yuen

University of Western Ontario, London Ontario

Dr Marilee Allen

Johns Hopkins University, Baltimore USA

Dr KS Joseph

Dalhousie University, Halifax Nova Scotia

Dr Elizabeth Asztolos

University of Toronto, Toronto Ontario

Dr Shi Wu Wen University of Ottawa, Ottawa Ontario

Dr Horatio Oseowich University of British Columbia, Vancouver BC.

Dr Sarah McDonald McMaster University, Hamilton Ontario

Provincial Committees:

Southern Alberta Perinatal Advisory Committee, 1978-2003

Alberta Perinatal Program Advisory Committee, 1986-1995

Reproductive Care Committee, Alberta Medical Association, 1988-2005

Reproductive Care Committee, Alberta Perinatal Program, 2006 - present

Steering Committee for Complex Invasive Therapy Registry, 1998-present

Co-chair, Alberta Perinatal Program Advisory Committee, 2003-2009

Expert Advisory Committee on Newborn Metabolic Screening for Inborn Errors of

Metabolism and Cystic Fibrosis, AHW, 2006

Expert Advisory Committee on Newborn Hearing Screening, AHW, 2007

Chair, Expert Advisory Committee on Assisted Reproductive Technology, AHW, 2007

National Committees:

Canadian Paediatric Society:

Nutrition Committee, Member, 1981-present, Chair 1984-1990, Consultant 1990-2004 Section of Neonatal/Perinatal Medicine, 1989-present, Chair 1998-2000

Section Nominating Committee, 2000, Chair of Follow-Up Interest Group 1989-1996 CPS Nominating Committee, 1985

Task Force on Therapeutic Nutritional Products, 1987-1990

Quality Out-of-Home Child Care Project, 1988-1992

Fetus and Newborn Committee, 1996-1999

Committee on Clinical Testing of Preterm Infant Formulas, Health Canada, 1992-1996 Infant Nutrition Advisory Council, Member, 1985-1989

National Institute of Nutrition, Member, 1985-1996, Board of Trustees 1989-1996

Awards Committee, Canadian Dietetic Association, 1985

Hospital Medical Records Institute, Alberta User Group 1989-1994, National Policy Committee 1989-1994

Canadian Institute of Health Information, Physician Review Committee for ICD-10, 1999-2000, 2002

Canadian Institute of Health Information, Classification Advisory Consultant group, 2004-present, Chair 2015-present

Canadian Perinatal Clinical Trials Group, 1991-1996

Scientific Advisory Committee, Clinical Epidemiology Unit, Women's College Hospital and the University of Toronto, 1994-2000

Canadian Society of Epidemiology and Biostatistics, Member 1992-present, Vice-President 1995-99, Nominating Committee 2001

Ross/Abbott Laboratories Hospital Feeding System Advisory Board, 1999-present Committee on Breastfeeding, 1995-1997

Canadian Perinatal Surveillance System:

Steering Committee Member, 1999-2001

Steering Committee Chair 2001-present

Fetal Infant Health Study Group, 1999-present

Abortions and Congenital Anomalies Study Group, 1999-2001

Maternal Health Study group, 2001-present

Maternal Experiences Survey Steering Committee, 2001-2009

Canadian Working Group on Childhood Hearing, 2000-2006

Joint CPSS-FNIHB Committee on First Nations, Innuit and Metis Infant Mortality 2006-present

Visiting Scientist, Bureau of Reproductive Health, Health Canada, 2001-2009

Chair, External Advisory Committee, CPSS, Public Health Agency of Canada, 2012-present

Canadian Institute of Health Information. Early Child Development External Advisory Committee, 2016

International Committees:

American Academy of Paediatrics, Committee on Nutrition, 1984-1990 American Public Health Association, Neonatal Follow-Up Committee, 1987-1991

Government Agencies:

Southern Alberta Perinatal Advisory Committee, 1978-1995

Alberta Perinatal Program Advisory Committee, 1986-1995

Chair, Clinical Testing of Preterm Formulas Committee, Health Canada, 1992-1996

GRANTS HELD

DATE	GRANTING AGENCY	AMOUNT	PROJECT
Sept 1977	University of Calgary Endowment Fund	\$2,500	Initial Development of Follow-Up Program
Nov 1978	Alberta Children's Hospital Foundation	\$74,051	Monitoring the Process and Outcome of Perinatal Care
May 1979	Alberta Heritage Fund, Cancer	\$8,960	Nutritional Status of Children with Cancer
Sept 1979	Foothills Hospital Research Foundation	\$2,500	Breast Milk Banking Manual
Sept 1983	Alberta Children's Hospital Foundation	\$3,298	Pilot Project: Early Indication of Learning Disabilities
May 1984	Foothills Hospital Research Foundation	\$1,000	Cytomegalovirus in Expressed Breast Milk
Oct 1984	Bronfman Foundation Alberta Children's Hospital Foundation	\$24,722	Early Indication of Learning Disabilities
May 1986	Department of Hospitals and Medical Care, Province of Alberta	\$145,515	Monitoring Perinatal Morbidity: A Pilot Project
Aug 1987	*Medical Research Council of Canada	\$220,000	Canadian Multicentre Randomized Controlled Trial of the Treatment of Threatened Pre-Term Delivery: Infant Follow-Up
Nov 1987	Burroughs-Wellcome Co.	\$12,000	Multicenter Exosurf Trial: One-Year Infant Follow-Up
Feb 1989	Burroughs-Wellcome Co.	\$60,000	Multicenter Exosurf Trial: Two-Year Follow-Up
Apr 1989	Medical Services Inc.	\$6,846	Held with N. Singhal. Neonatal Apnea Study.
Nov 1989	Center for the Advancement of Health	\$10,000	Longitudinal Growth Patterns in Preterm Infants
Apr 1991	Burroughs-Wellcome Co.	\$89,208	3 yr. Exosurf Follow-Up
Nov 1993	NHRDP	\$70,590	Multicenter four-year outcome of neonates receiving Extracorporeal Membrane Oxygenation at the Western Canadian Regional ECMO Center: A Comparative Study. (PI: C. Robertson, University of Alberta)
July 1994	NHRDP	\$97,536	Surveillance to Assess the Impact of Expert Guidelines on Antenatal Surveillance, Intrapartum Prophylaxis and Incidence of Group B Streptococcal Disease. (PI: A. McGeer and H.D. Davies)

DATE	GRANTING AGENCY	AMOUNT	PROJECT
Oct 1994	Alberta Children's Hospital	\$25,697	Postneonatal Growth Model
Oct 1994	Alberta Children's Hospital Foundation	\$16,756	Environmental and Child Health
Oct 1994	NHRDP	\$362,495	Enhanced Postpartum Support and Early Discharge. (PI: S. Harvey)
Jan 1995	NHRDP	\$125,756	Information Processing in VLBW Infants (PI: D. Dewey)
Jan 1995	Health Services and Innovations Fund	\$90,000	Impact of Management Guidelines on Neonatal Group Streptococcal (PI: H.D. Davies)
Jul 1995	MRC/Royal Alexandra Hospital	\$5,000	Randomized Trial of Synthetic vs. Bovine Surfactant; Follow- Up Portion (PI: N. Finer)
Feb 1996	MRC/NIH	\$12,000	Nitric Oxide in Treatment of Pulmonary Hypertension; Follow- Up Portion (PI: C. Robertson)
Jun 1996	MSI Foundation	\$24,776	Growth and Feeding Problems
Jul 1996	Alberta Children's Hospital Foundation	\$16,250	Nephrocalcinosis
Jul 1996	Foothills Hospital Research Foundation	\$1,900	BDP and Long-Term Follow-Up
Jul 1996	MRC	\$250,000	Indomethacin Prophylaxis (PI: B. Schmidt)
1997-2002	Northern Alberta Children's Foundation	\$26,000	Outcome of Infants Following Cardiac Surgery (PI: C.M. Robertson)
1997-2002	Alberta Children's Hospital Foundation	\$10,376	BCP and Language (PI: S. Rvachew)
1998-2007	Alberta Lung Association: Alberta Health and Wellness (via Capital Health Authority)	\$11,851	Multicenter Eight Year Outcome of Neonates Receiving Extracorporeal Membrane Oxygenation (ECOM) at the Western Canadian Region ECMO Center: A comparative study. (PI: C.M. Robertson)
1998	Alberta Health	\$30,000	The Health of Alberta Children
1998-2001	IVF Study, CRHA	\$9,857	Outcomes of Infants Born Weighing Less Than 1250 g Who Were Conceived Through In-Vitro Fertilization. (PI: S. Tough)
1998-2009	CIHR	\$2,050,900	CAP Trial - Caffeine for Apnea of Prematurity Trial(PI: B. Schmidt)
1998-2003	CRHA	\$8,100	Neonatal Outcomes and HELLP Syndrome (PI: N. Singhal)
1998	Alberta Health	\$20,000	Outcome of Under 500 g Birthweight Infants

DATE	GRANTING AGENCY	AMOUNT	PROJECT
2001-2004	CRHA	\$40,119	Detection of Motor, Visual-Motor and Perceptual Problems in ELBW Infants at Age 5 (PI: D. Dewey)
1998-2003	CRHA	\$12,450	Evaluation of the Impact and Effectiveness of the Perinatal Feeding Team. (PI: J. Geggie)
Mar 1999	AHFMR	\$95,000	Low Birth Weight Study (PI: C. Newburn-Cooke)
1999-2003	Health Canada	\$26,000	Canadian Survey of Neonatal Hearing screening and Follow-Up Programs (PI: R. Sauve, D. Brown)
2000-2010	Alberta Health (via Capital Health Authority)	\$200,000	Registry and Follow-Up of Complex Invasive Pediatric Therapies: Pilot Phase (PI: C. Robertson)
1999-2003	CRHA	\$19,992	Peridontal Disease and Pre-Term Delivery. (PI: S. Wood)
1999-2005	CRHA	\$45,000	Selective Reduction in Multiples with IVF (PI: S. Tough)
1999-2002	AHFMR – Canadian Tobacco Research Initiative	\$29,350	Smoking Cessation in Pregnant Women (PI: S. Tough)
2000-2004	Alberta Health	\$1,463,315	Universal Newborn Hearing Screening Program in Alberta (PI: J. Dort)
2001-2004	ACH Foundation	\$2,000	Clinical Effect of Level of Protein Intake in Very Low Birthweight Infants (PI: R. Sauve)
2001-2006	CHR - Perinatal Funding Competition	\$13,800	Severity of Illness in Prediction of Neurodevelopmental, Pulmonary and Growth Outcomes at 8, 18 and 36 Months Corrected Age in Infants ≤ 1250g at Birth (PI: R. Sauve)
2002-2006	CHR - Perinatal Funding Competition	\$18,289	Stability of Outcome Measures in Extreme Low Birth Weight Infants. (PI: R. Sauve)
2002-2008	CIHR	\$1,800,000	Strategic Training Initiatives in Research in Reproductive Health (PI: W. Fraser)
2002-2007	Ministry of Children's Services	\$10,000	Meconium, Alcohol and Drug Screening (PI: S Tough)
2003-2008	CIHR	\$935,000	Quality of Care ICE (QC-ICE) Team in Neonatal-Perinatal Care (PI: S. Lee)
1998-2009	CIHR (via McMaster University)	\$348,948	Efficacy and safety of Methylxanthines (caffeine) in very low birthweight infants (PI: B. Schmidt)
		\$30,000* locally	
2003-2007	CHR Perinatal Funding Competition	\$29,887	Incidence and Correlates of Feeding Problems in Premature Infants Post Neonatal Intensive Care (PI: R. Sauve)
2003-2006	ACH Foundation	\$18,663	Incidence and Correlates of Feeding Problems in Premature Infants Post Neonatal Intensive Care (PI: R. Sauve)
2008-2010	ACH Foundation	\$27,649	Incidence and Correlates of Feeding Problems in Premature Infants Post Neonatal Intensive Care (PI: R. Sauve)

DATE	GRANTING AGENCY	AMOUNT	PROJECT
2004-2007	CIHR	\$127,122	An alternative approach to the creation of fetal growth standards (PI: KS Joseph)
2003-2005	McMaster University	\$1,500	Trial of Indomethacin Prophylaxis in Preterm Infants: 7 Year Follow-Up
2005-2007	CHR Perinatal Funding Competition	\$29,699	Pilot Randomized Controlled Trial of Vaginal Progesterone to Prevent Preterm Birth in Multiple Pregnancy (PI: S Wood)
2006-2007	CIHR Randomized Controlled Trials	\$701,777	17-hydroxy progesterone caproate treatment in pregnant women screened for risk factors for prematurity: pilot randomized controlled trial (PI: S. Wood)
2006-2008	CHR Perinatal Funding Competition	\$21,190	Outcomes and Impact of School Age Extreme Low Birthweight in a Southern Alberta Regional Cohort (PI: D Creighton)
2006-2008	Calgary Health Region Department of Pediatrics Research Development Fund	\$10,000	Long Term Outcomes of Premature Infants with Chronic Lung Disease: A Prospective Cohort Study (PI: Lodha)
2007-2009	CIHR Institute of Human Development, Child and Youth Health (IHDCYH)	\$500,000	The World Health Organization Global Survey for Maternal and Perinatal Outcomes in Canada (PI: S. Lee)
2000-2010	Alberta Health	\$200,000	Registry and Follow-Up of Complex Invasive Pediatrics Therapies. (PI: C. Robertson)
2007-2012	CIHR	\$738,300	Canadian Oxygen Trial (COT) (PI: B. Schmidt)
2008-2015	CIHR	\$4,902,135	CIHR Team in Maternal-Infant Care – Translating knowledge into improved care (PI: S. Lee)
2009-2010	CIHR / AHFMR	\$450,000	Outcomes of Pandemic Influenza in Pregnancy
2010-2015	CIHR	\$407,627	CAP 11 years outcomes
2009-2015	AHFMR	\$5,000,000	Alberta Sepsis Network
2012-2013	AIHS	\$10,000	Optimizing Outcomes of Children who Require Live-saving Complex Interventions

^{*}Jeannie – I need to add CIHR grant with N Auger and Health Innovation grant with M Hcks

2015-2019 CIHR 255,894 Extreme weather and maternal-child

health: targeting future impacts of climate change

2015-2016 AHS Innovation Grant 25,000 The prediction of adverse neurological outcome in children who receive therapeutic hypothermia for hypoxic ischemic encephalopathy

2014-2016 Canadian Foundation for Dietetic Research 20,000 Validation of 2013

^{*} Held at McMaster University with Principal Investigator Dr. J.M. Moutquin. I was principal author of the follow-up proposal and supervised the conduct of the follow-up portion of the study.

Fenton Growth chart

GRANTS HELD WITH GRADUATE STUDENTS

DATE	GRANTING AGENCY	AMOUNT	PROJECT
Sept 1981	NHRDP	\$6,183	J. Goodman: High Risk Infants: Mothers' Concerns
Mar 1984	AHFMR Summer Internship	\$3,000	S. Blyth: Cytomegalovirus in Breast Milk
Jan 1985	AHFMR	\$14,470	M. Hodges: Jaundice and Breastfeeding
Sept 1985	NHRDP	\$27,956	M-S. Waisman: Nutrition Education
May 1987	AHFMR	\$103,000	W. Fraiser: Routine Amniotomy Study
Mar 1988	Foothills Hospital Research Foundation	\$2,400	K. Brown: Home in Oxygen Study
June 1991	AHFMR	\$15,490	C. Bischoff: Hearing Screening Evaluation
June 1991	AHFMR	\$30,000	D. Dewey: Post-Doctoral Fellowship: Motor skills development
June 93-96	AHFMR	\$16,000.00/yr	C. Bischoff: PhD Student: Middle ear disease and parental smoking
Sept 1998	AHFMR	\$30,000	T. Wade: Post-Doctoral Fellowship: Socio-cultural analysis of ELBW children
Mar 1999	MRC	\$33,000	T. Wade: Post-Doctoral Fellowship (declined; topic as above)
May 2003	AHFMR	\$21,500	M Hicks: Studentship. Ethyl Esters and Alcohol Intake

CONTRACTS

Monenco Science and Technology Ltd.: Study of Radionuclides in Human Milk (1989-). On contract to Atomic Energy Canada.

IX. INVITED ADDRESSES

- 1. Outcome of Low Birth Weight Infants. Alberta Children's Hospital Pediatric Days, October 1977.
- 2. Follow-up of Low Birth Weight Infants. Annual Meeting, Respiratory Technology Association of Alberta, April 1978.
- 3. Nutrition: The First 18 Years. A panel on Breast Feeding. Alberta Children's Hospital, November 1979.
- 4. Long-term Follow-up of Asphyxiated Infants. McKidd Lecture. Calgary General Hospital, May 1979.
- 5. Perinatal Follow-up Clinics in the Primary Prevention of Handicapping Disorders in Childhood. First Symposium on the Prevention of Handicapping Disorders. Edmonton, June 1979.
- 6. Infant Nutrition. Alberta Dietetic Association, January 1979.
- 7. Epidemiologic Studies in Progress: Perinatal Follow-up Section. Dean's Seminar, January 1979.
- 8. Nutrition in Critically Ill Infants. Neonatal Nursing Workshop, February 1979.
- 9. Handicaps of Prematurity. Presentation to Medical Staff, Mineral Springs Hospital, Banff, November 1980.
- 10. Neonatal Jaundice. Childbirth Education Workshop. The University of Calgary, April 1980.
- 11. Breastfeeding in Special Situations. Alberta Dietetic Association Annual Meeting, Calgary, June 1980.
- 12. Nutrition in Children with Cancer. Oncology Nurse Workshop. Foothills Hospital, April 1980.
- 13. Nutrition in Children with Cancer. Oncology Nurse Workshop. Foothills Hospital. April 1980.
- 14. Follow-up of High Risk Neonates. Neonatal Neurology Nursing Workshop. Foothills Hospital, June 1981.
- 15. High Risk Infants: Growth and Feeding Problems. Presentation at Annual Meeting of the Society of Medical Officers of Health, September 1982.

- 16. The Long-term Follow-up of Ventilated Low Birth Weight Infants. Presentation to Respiratory Technology Group. Foothills Hospital, April 1982.
- 17. The High Risk Infant. University Forum on Disabilities. The University of Calgary, February 1983.
- 18. Prenatal and Perinatal Influences on Growth and Development. Canadian Physiotherapy Seminar, March 1983.
- 19. Changing Outcome of Very Low Birth Weight (< 1000 g) and Development. Annual Meeting, Canadian Gynaecological Society, September 1983.
- 20. Human Milk Banking. Alberta Perinatal Group Meeting. Calgary, January 1984.
- 21. Long-term Sequelae in the Mature Hypoxic Fetus. Labour and Newborn Care Conference. Calgary General Hospital, February 1984.
- 22. The Smallest Ones: The Long-term Outcome of Infants Weighing 1000 g or less at Birth. Annual Meeting, Canadian Association of Respiratory Technologists. Banff, May 1984.
- 23. Growth and Feeding Problems in High Risk Infants. Medical Staff Presentation. Regina General Hospital, June 1985.
- 24. Infants Discharged Home in Oxygen. Alberta Perinatology Group, April 1985.
- 25. Long-term growth, energy intake and feeding problems in high risk infants. Alberta Perinatology Group, April 1986.
- 26. **Sauve R**, McArthur P. Mothers' milk for premature babies. La Leche League Canada Conference. Ottawa, July 1986.
- 27. **Sauve R**, Henderson H. Why physicians prefer breast-fed infants. La Leche League Canada Conference. Ottawa, July 1986.
- 28. **Sauve R**, Creighton D, Sakatch J. Impact on the family of caring for an infant at home on oxygen. Annual Conference, District VIII and IX, NAACOG. Calgary, November 1986.
- 29. Papageorgio A, Beaton G, **Sauve R**, Chance OG. Conclusions -implications for infant feeding during the year 2000. A panel discussion. Presentation at Canadian-European Symposium: Advances in Research on Nutrient Metabolism Implications for Infant Feeding in the Year 2000. Toronto, October16, 1987.
- 30. The future of neonatal ICU's, Presentation at Dynamics of Critical Care '87, Vancouver, November 1987.

- 31. Indergaard K, Kluge E, Konnert J, Watt R, **Sauve R**. Resource allocation: economic and emotional costs. Panel presentation at Dynamics of Critical Care '87, Vancouver, November 1987.
- 32. **Sauve R**, Bacon L. Perinatal Follow-up Clinic. Presented at conference "New Horizons in Bronchopulmonary Dysplasia", November 20, 1987.
- 33. Regionalization of perinatal services benefits and problems. Abstr. Proceedings of Pediatrics 88. Saskatoon, Sask., October 1988.
- 34. Life after NICU bronchopulmonary dysplasia, developmental assessment, follow-up. Abstr. Proceedings of Pediatrics 88. Saskatoon, Sask., October 1988.
- 35. **Sauve R**. Transient dystonia. Presentation to Occupational Therapy-Physiotherapy Research Group. Alberta Children's Hospital, January 9, 1990.
- 36. **Sauve R**. The very low birthweight infant: Current outcomes. Community Health Sciences Seminar. University of Calgary, May 25, 1990.
- 37. Longitudinal growth models. Research Rounds presentation. BC Children's Hospital, Vancouver, BC., January 21, 1991.
- 38. Breastfeeding: Progress in the 1980's. Heinz Seminar. Canadian Pediatric Society, Quebec City, September 21, 1991.
- 39. Nutrition and food requirements in infancy: Theory and practice. Clinical Nutrition Seminar, The Hospital for Sick Children, Toronto, October 1, 1991.
- 40. Nutrition and food requirements of infants. 8th World Congress of Food Science and Technology. Toronto, October 1, 1991.
- 41. **Sauve, RS**, Geggie, JG. Nutrition in the premature infant, before and after discharge. Pediatric Nutrition Day, Alberta Children's Hospital, October 25, 1991.
- 42. Developmental Outcome of Infants at 12 months adjusted age: Randomized Exosurf Trials. IND Investigators meeting, Raleigh, North Carolina, November 13, 1991.
- 43. Workshop on Developmental Follow-up. IND Investigators meeting, Raleigh, North Carolina, November 14, 1991.
- 44. Outcomes of Ritodrine-exposed infants. Food and Drug Administration Advisory Committee Meeting on Beta-mimetic drugs for tocolysis. Rockville, Maryland, October 1992.
- 45. **Sauve R**. Cow's Milk in the Second Six months of life. Optimal Nutrition in the second six months. Food for thought. Vancouver. June 25, 1993.

- 46. Adair-Bischoff C, **Sauve R**. Environmental tobacco smoke and middle ear disease in preschoolers. Presented at Annual Meeting of Society for Pediatric Research, Washington DC, May 1997.
- 47. Davies HO, Adair-Bischoff C, Partlow E, Low DE, **Sauve R**, MA D, Schuchat A, McGeer A. Failure of adoption of guidelines for prevention of neonatal group B Streptococcal (GBS) disease by obstetric care providers. Presented at Interscience Conference on Antimicrobial Agents and Chemotherapy, Toronto, Ontario, September 29, 1997.
- 48. Davies HO, Adair-Bischoff C, MA D, Partlow E, Low DE, **Sauve R**, Robinson J, Kowalsky L, Buchanan MJ, McGeer A. Population-based surveillance for invasive neonatal group B streptococcal (GBS) infections in Alberta Canada: Identifying cases preventable by use of current guidelines. Presented at Interscience Conference on Antimicrobial Agents and Chemotherapy, Toronto, Ontario, September 29, 1997.
- 49. Creighton DE, Dewey D, **Sauve R**. A comparison of three infant developmental screening tests. Presented at Society for Developmental and Behavioural Pediatrics. Boston, September 1997.
- 50. Svenson LW, Schopflocher DP, Robertson CMT, **Sauve R**. Infant mortality in Alberta: The effect of registration of live newborns weighting less than 500g. Presented at Annual Meeting of the Canadian Society for Epidemiology and Biostatistics. London, Ontario, June 1997.
- 51. **Sauve R**. Trends in survival, disabilities and chronic lung disease in VLBW infants. Presented at Annual Meeting of the Perinatal Society of Thailand ABetter Perinatal Health Beyond AD 2000". Cha-Am, Thailand, November 13, 1997.
- 52. **Sauve R**. Growth and nutrition of preterm infants after discharge from NICU. Presented at Annual Convention of National Neonatology Forum. Bhilai, India, December 12, 1997.
- 53. Wilkinson A., **Sauve R**, Sinha S, Dutta AK, Mathur NB. Lactation and nutrition of the VLBW infant. Pan el Discussion at Annual Convention of National Neonatology Forum. Bhilai, India. December 14, 1997.
- 54. **Sauve R**. Follow-up in drug trials. Presented at Child Health Research Symposium, April 1997.
- 55. **Sauve R**. Teaching the Public to Critically Appraise Medical Information. New Media Applications in Health Education/Health Promotion with the Public, Faculty of Continuing Education, University of Calgary, May 1999.
- 56. **Sauve, RS.** Is This Really Failure to Thrive? Beginnings Conference: Issues in Maternal Newborn Care, University of Calgary, January 1999.
- 57. **Sauve, RS.** Outcomes of Chronic Lung Disease in the Neonate. Fifth Annual Respiratory Round Up, Alberta Lung Association, June 1999.

- 58. **Sauve R**. Would Meta-Analysis Change Our Clinical Practice? Reflections on the 90's, Obstetrics & Gynecology Conference, University of Alberta, November 1999.
- 59. **Sauve R.** As Mortality Rates Decrease in ELBW Infants, Timing of Neonatal Deaths is Delayed but Post Neonatal Deaths are Unchanged. Neonatal/Perinatal Interest Group, Foothills Hospital, April 25, 2000.
- 60. **Sauve R.** Jain, S. Changing Outcomes of Infants at the Edge of Viability: Survival and Long Term Morbidity. Neonatal/Perinatal Interest Group, Foothills Hospital, April 25, 2000.
- 61. **Sauve R.** The Outcome of Children with Complex Invasive Therapies. Pediatric Grand Rounds, Alberta Children's Hospital, September 13, 2000.
- 62. **Sauve R.** Outcome Measurements in Clinical Research. Child Health Research Seminar, Alberta Children's Hospital, October 25, 2000.
- 63. **Sauve R.** Discussion on Current Research Activities. Pediatric Grand Rounds, Alberta Children's Hospital, January 30, 2001.
- 64. **Sauve R.** Canadian Perinatal Surveillance System. Department of Community Health Sciences Seminar Series, University of Calgary, February 9, 2001.
- 65. **Sauve R.** The risk concept and long-term outcomes in infants and children. Plenary presentation. Health Canada Research Forum: From Science to Policy. Ottawa. November 18, 2002.
- 66. **Sauve R.** Filling the gaps in National Surveillance. Presented at the 8th Annual Child Health Research Symposium, Calgary, April 4, 2002.
- 67. **Sauve R.** Severity of illness in the first three days of life and 3 year neurodevelopmental outcomes in infants <1259g birthweight. Presentation at 13th Annual Clara Christie Research Day, Calgary, May 10, 2002.
- 68. **Sauve R.** Newborn Hearing Screening. Presentation at Annual Meeting of the Canadian Pediatric Society. Toronto June 14, 2002.
- 69. **Sauve R**, Fenton T. New infant growth charts and assessing infant growth. Faculty of Medicine teleconference. November 26, 2002.
- 70. **Sauve R.** A Canadian Experience. Hot Topics in Neonatology. Washington DC, December 10, 2002.
- 71. History of Neonatal Follow-up. Presentation at the Ninth Annual Child Health Research Symposium. Outcome and Evaluation Research, Calgary, April 4, 2003.

- 72. **Sauve R**. Patterns of mortality and morbidity in preterm infants, 1977-2003. Ninth Annual Child Health Research Symposium, Calgary, April 4, 2003.
- 73. Preparing posters and abstracts. Presentation at Retreat of the Epidemiology and Surveillance Division, Health Canada, April 2003.
- 74. **Sauve R,** Etches P, Robertson C, Christianson H. The long-term outcomes of infants born at the edge of viability. 14th Annual Clara Christie Research Day, Calgary, May 9, 2003.
- 75. Humbke K, Dewey D, **Sauve R.** Social Competence in very low birth weight children. 14th Annual Clara Christie Research Day, Calgary, May 9, 2003.
- 76. Wood S, Cox S, Frydman A, Brant R, **Sauve R**, Eley B. Periodontal disease and spontaneous premature birth. A case-control study. Analysis of gingival clavicular fluid enzymes. 14th Annual Clara Christie Research Day, Calgary, May 9, 2003.
- 77. Clinical challenges in infant nutrition and feeding. Advances in Pediatric Medicine. Edmonton, October 25, 2003.
- 78. National and Regional Neonatal Outcomes: How are we doing? Neonatology Update, Calgary, May 1, 2004.
- 79. Newborn Hearing Screening: Closing the Loop. Presented at Grand Rounds, Sparrow Hospital, Michigan State University, Lansing, Michigan, May 13, 2004.
- 80. The impact of long-term follow-up results on perinatal/neonatal care. 3rd Annual Pediatrics Research Day, Michigan State University, Lansing, Michigan, May 12-15, 2004
- 81. Formulating Questions and CATS. 3rd Annual Pediatrics Research Day, Michigan State University, Lansing, Michigan, May 12-15, 2004
- 82. Baskett T, Drife J, Liston R, Rusen ID, **Sauve R**, Acheson K. Maternal death and severe morbidity in Canada and the UK. Panel at Annual Meeting SOGC Edmonton, June 27, 2004.
- 83. **Sauve R**. Outcome measurement in neonatal research. Neonatal Forum, Chandigarh, India, October 29, 2004
- 84. **Sauve R**, Rao R. Critical appraisal of a journal article. Workshop at Annual National Neonatal Forum, Chandigarh, India, October 30, 2004.
- 85. Outcome of NICU graduates including hearing and ROP. International Symposium in Neonatalogy, Department of Pediatrics and Neonatal Perinatal Medicine, Sri Balaji Action Medical Institute, New Delhi, India, November 1, 2004
- 86. **Sauve R**. Outcome of NICU graduates including hearing and ROP. International symposium in Neonatology, Sri Balaji Action Medical Institute, New Delhi, India, November 1, 2004

- 87. Research in Neonatology. Institute of Maternal and Child Health, 1st Annual Research Day: Get to Know Your Institute, University of Calgary, Libin Lecture Theatre, Health Sciences Centre, November 19, 2004
- 88. **Sauve R.** Workshop on "Protein & Energy Requirements in Infancy and Childhood", 58th Nestle Nutrition Workshop, Ho Chi Minh City, Vietnam November 20-24, 2005.
- 89. Infant mortality rates: What do they mean? Community Health Sciences Seminar. Calgary 2006.
- 90. Atallah J, Robertson CMT, Joffe A, **Sauve R**, Seisha M, Harder J, Dyck J, Ross D, Rebeyka IM. Two-year neurodevelopmental outcome after the Norwood procedure: A comparison between the BT and the RV-PA surgical groups. Pediatric Critical Care: Setting the Standards Conference, Edmonton, AB, April 25-27, 2007.
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X. PUBLICATIONS/PRESENTATIONS

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